COMBINED DECLARATION / POWER OF ATTORNEY

AS BELOW NAMED DIVENTOR	•••			
AS BELOW NAMED INVENTOR	, I HEREBY DECLARE THAT	T: This Declaration is of th	e following page	ATTORNEY DOCKET NO.:
Continuation	☐ Supplemental	Continuation-I	1-Part	Divisional
My residence, post office address an one name is listed below) or an orig which a patent is sought on the invewhich:	d citizenship are as stated below inal, first and joint inventor (if a ntion ITERATIVE DETECTIO	☐ National Stage w next to my name: I belie plural names are listed bele N AND DECODING FOR	_	
is attached hereto.				10131Elvi; the specification
was filed on DECEMBER 03, 2 was amended on (if appl was described and claimed in Po	2001 as Serial No. 10/005,104 icable).			
I hereby state show I	Of International Application No	o. filed on an	d as amended unde	er PCT Article 19 on
I hereby state that I have reviewed at amendment referred to above. I acl accordance with Title 37, Code of Fed	-108 minimus, DCC. 1.30[2].	he above-identified specifi e information which is ma	cation, including t	the claims, as amended by any
I hereby claim foreign priority beneficertificate or of any PCT International have also identified below any foreign least one country other than the Uniapplication(s) of which priority is claim	n application(s) for patent or in ted States of America filed by ned.	east one country other than aventor's certificate or any or me on the same subject	the United States PCT International matter having a f	application(s) designating at filing date before that of the
(Country)				Priority Claimed
(Country)	(Application No.)	(D) 10-1		
hereby claim the benefit under Title 3	(Application No.) 5 USC 120 of the United State sclosed in the prior United State sclose material information as dependent of the properties of the propert	(Day/Month/Year/Filed) as application(s) listed belowes application in the mannelined in Title 37 CFR 1.5 fthis application:	(1	(No)
hereby claim the benefit under Title 3 ne claims of this application is not dis ISC 112, I acknowledge the duty to dis ne prior application and the national or (Serial No.)	15 USC 120 of the United State sclosed in the prior United State sclose material information as dependent of the PCT International filing date of	es application(s) listed belo ses application in the mann efined in Title 37 CFR 1.5 f this application:	w, and insofar as a per provided by the body which occurred	(No) the subject matter of each of e first paragraph of Title 35 ed between the filing date of
hereby claim the benefit under Title 3 he claims of this application is not dis JSC 112, I acknowledge the duty to dis he prior application and the national or (Serial No.)	Is USC 120 of the United State sclosed in the prior United State sclose material information as de PCT International filing date of FCT and/or agents to prosecute this a	es application(s) listed belo les application in the mann efined in Title 37 CFR 1.5 f this application:	w, and insofar as the provided by the following which occurred to the following which occurred	the subject matter of each of e first paragraph of Title 35 ed between the filing date of (Status)
hereby claim the benefit under Title 3 he claims of this application is not dis JSC 112, I acknowledge the duty to dishe prior application and the national or (Serial No.) hereby appoint the following attorneys ffice connected therewith: Russell B. harles D. Brown, Reg. No. 28,285, Tl.,181, Christopher O. Edwards, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 45,323 mross, Reg. No. 46,123, Sandra L. Good Abdollah Katbab, Reg. No. 45,323 respondence to: Sarah Kirkpatrick, Micago, California 92121-1714.	Is USC 120 of the United State sclosed in the prior United State sclose material information as department of the PCT International filing date of PCT International filing date of Internatio	es application(s) listed belo tes application in the mann efined in Title 37 CFR 1.5. this application: filing Date) application and to transact try D. Ogrod, Reg. No. 30, 793, Kent D. Baker, Reg. g. No. 44,178, Kyong H. M. o. 37,319, Roger W. Marti orth, Reg. No. 29,219, S. C. Pappas, Reg. No. 35,06 c. calls to Philip R. Wads liministration, QUALCOMN	w, and insofar as the provided by the f(a) which occurred all business in the 880, Bruce W. Gr. No. 38,822, Thom facek, Reg. No. 44, n, Reg. No. 39,29 Hossain Beladi, R. 5, Maryanne E. D. Sworth at (858) 64 Incorporated, 57	the subject matter of each of e first paragraph of Title 35 ed between the filing date of (Status) U.S. Patent and Trademark reenhaus, Reg. No. 37,339, mas M. Thibault, Reg. No. 2,977, Byron Yafuso, Reg. 1, Sandip S. Minhas,
hereby claim the benefit under Title 3 her claims of this application is not dis ISC 112, I acknowledge the duty to dis less that the prior application and the national or (Serial No.) (Serial No.) The results of the following attorneys application and the results at the prior application and the national or (Serial No.) The results of the following attorneys are supported to Edwards, Reg. No. 28,285, TI,181, Christopher O. Edwards, Reg. No. 45,244, Raymond B. Horn, Reg. No. 45,244, Raymond B. Horn, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 45,329 respondence to: Sarah Kirkpatrick, Michael S	Is USC 120 of the United State sclosed in the prior United State sclosed in the prior United State sclose material information as d. PCT International filing date of	es application(s) listed belo les application in the mann efined in Title 37 CFR 1.5. It this application: filing Date) application and to transact by D. Ogrod, Reg. No. 30, 793, Kent D. Baker, Reg. g. No. 44,178, Kyong H. M. o. 37,319, Roger W. Marti brth, Reg. No. 29,219, S. C. Pappas, Reg. No. 35,06 e. calls to Philip R. Wads liministration, QUALCOMN c are true and that all state the knowledge that willful 18 of the United States Cod	w, and insofar as the provided by the f(a) which occurred all business in the 880, Bruce W. Gr. No. 38,822, Thom facek, Reg. No. 44, n, Reg. No. 39,29 Hossain Beladi, R. 5, Maryanne E. D. Sworth at (858) 64 Incorporated, 57	the subject matter of each of e first paragraph of Title 35 ed between the filing date of (Status) U.S. Patent and Trademark reenhaus, Reg. No. 37,339, mas M. Thibault, Reg. No. 2,977, Byron Yafuso, Reg. 1, Sandip S. Minhas,
hereby claim the benefit under Title 3 he claims of this application is not dis JSC 112, I acknowledge the duty to dis JSC 112, I acknowledge the national or (Serial No.) (Serial No.) hereby appoint the following attorneys ffice connected therewith: Russell B. aarles D. Brown, Reg. No. 28,285, TI, 181, Christopher O. Edwards, Reg. No. 45,244, Raymond B. Hom, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 46,123, Sandra L. Good i Abdollah Katbab, Reg. No. 45,32: respondence to: Sarah Kirkpatrick, Mickey, California 92121-1714. Bereby declare that all statements made leved to be true; and further that thes ishable by fine or imprisonment, or both pardize the validity of the application of the properties of the pr	Is USC 120 of the United State sclosed in the prior United State sclose material information as department of the PCT International filing date of PCT International filing date of Internatio	es application(s) listed belo les application in the mann efined in Title 37 CFR 1.5. It this application: filing Date) application and to transact by D. Ogrod, Reg. No. 30, 793, Kent D. Baker, Reg. g. No. 44,178, Kyong H. M. o. 37,319, Roger W. Marti brth, Reg. No. 29,219, S. C. Pappas, Reg. No. 35,06 e. calls to Philip R. Wads liministration, QUALCOMN c are true and that all state the knowledge that willful 18 of the United States Cod	w, and insofar as the provided by the f(a) which occurred all business in the 880, Bruce W. Gr. No. 38,822, Thom facek, Reg. No. 44, n, Reg. No. 39,29 Hossain Beladi, R. 5, Maryanne E. D. Sworth at (858) 64 Incorporated, 57	the subject matter of each of e first paragraph of Title 35 ed between the filing date of (Status) U.S. Patent and Trademark reenhaus, Reg. No. 37,339, mas M. Thibault, Reg. No. 2,977, Byron Yafuso, Reg. 1, Sandip S. Minhas,
hereby claim the benefit under Title 3 he claims of this application is not dis JSC 112, I acknowledge the duty to dis JSC 112, I acknowledge the national or (Serial No.) Mereby appoint the following attorneys ffice connected therewith: Russell B. aarles D. Brown, Reg. No. 28,285, TI JSC 1181, Christopher O. Edwards, Reg. No. 45,244, Raymond B. Hom, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 46,123, Sandra L. Good Abdollah Katbab, Reg. No. 45,32: respondence to: Sarah Kirkpatrick, Mickey, California 92121-1714. Bereby declare that all statements made ieved to be true; and further that thes inshable by fine or imprisonment, or borardize the validity of the application of the properties of th	Is USC 120 of the United State sclosed in the prior United State sclosed in the prior United State sclose material information as d. PCT International filing date of	es application(s) listed belo les application in the mann efined in Title 37 CFR 1.5. It this application: filing Date) application and to transact by D. Ogrod, Reg. No. 30, 793, Kent D. Baker, Reg. g. No. 44,178, Kyong H. M. o. 37,319, Roger W. Marti brth, Reg. No. 29,219, S. C. Pappas, Reg. No. 35,06 e. calls to Philip R. Wads liministration, QUALCOMN c are true and that all state the knowledge that willful 18 of the United States Cod	w, and insofar as the provided by the f(a) which occurred all business in the 880, Bruce W. Gr. No. 38,822, Thom facek, Reg. No. 49, Reg. No. 39,29 Hossain Beladi, R. S., Maryanne E. D. Sworth at (858) 64 Incorporated, 57 ments made on in false statements are and that such will be a statement of the false statement of t	the subject matter of each of e first paragraph of Title 35 ed between the filing date of (Status) U.S. Patent and Trademark reenhaus, Reg. No. 37,339, mas M. Thibault, Reg. No. 2,977, Byron Yafuso, Reg. 1, Sandip S. Minhas, Reg. Reg. No. 42,311, Albert J. eeAngelo, Reg. No. 47,288 is 14404 and address all information and belief are and the like so made are illful false statements may
hereby claim the benefit under Title 3 he claims of this application is not dis JSC 112, I acknowledge the duty to dis JSC 112, I acknowledge the national or (Serial No.) Mereby appoint the following attorneys ffice connected therewith: Russell B. ararles D. Brown, Reg. No. 28,285, TI JST, 181, Christopher O. Edwards, Reg. No. 45,244, Raymond B. Hom, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 46,123, Sandra L. Good Abdollah Katbab, Reg. No. 45,32: respondence to: Sarah Kirkpatrick, Mickey, California 92121-1714. Bereby declare that all statements made fieved to be true; and further that these inshable by fine or imprisonment, or boroardize the validity of the application of the properties o	Is USC 120 of the United State sclosed in the prior United State sclosed in the prior United State sclosed in the prior United State sclose material information as diperior of the prior United State sclose material information as diperior of the property of the property of the prior of the	es application(s) listed belo les application in the mann efined in Title 37 CFR 1.5. It this application: filing Date) application and to transact by D. Ogrod, Reg. No. 30, 793, Kent D. Baker, Reg. g. No. 44,178, Kyong H. M. o. 37,319, Roger W. Marti brth, Reg. No. 29,219, S. C. Pappas, Reg. No. 35,06 c. calls to Philip R. Wads ministration, QUALCOMM et are true and that all state the knowledge that willful 18 of the United States Cod	w, and insofar as the provided by the f(a) which occurred all business in the 880, Bruce W. Gr. No. 38,822, Thom facek, Reg. No. 49, Reg. No. 39,29 Hossain Beladi, R. S., Maryanne E. D. Sworth at (858) 64 Incorporated, 57 ments made on in false statements are and that such will be a statement of the false statement of t	the subject matter of each of e first paragraph of Title 35 ed between the filing date of (Status) U.S. Patent and Trademark reenhaus, Reg. No. 37,339, mas M. Thibault, Reg. No. 2,977, Byron Yafuso, Reg. 1, Sandip S. Minhas,

	· · · · · · · · · · · · · · · · · · ·					
Full Name of Second or Joint Inventor	Inventor Signaturo	Date				
John W. Ketchum	Kohn William	6 Feb 2002				
Residence		Citizenship				
Harvard, Massachusetts		USA				
Post Office Address						
37 Candleberry Lane, Harvard, Massachusetts 01451						
Full Name of Third or Joint Inventor	Inventor Signature	Date / /				
Jay R. Walton		2/6/02				
Residence	7	Citizenship				
Westford, Massachusetts		USA				
Post Office Address		<u> </u>				
7 Ledgewood Drive, Westford, Massachuse	etts 01886					